

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000069**Date Inspected:** 30-Jun-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Xu Jun**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** N/A**Bridge No:** 34-0006**Component:** U-ribs plates**Bid Item:** 52**Lot No:** N/A**Summary of Items Observed:**

The CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the CNC plasma cutting for the U-ribs plates. The QA inspector verified the cutting process and appeared to be in compliance with ZPMC deck plate panel mock-up fabrication procedure FP-2, section 1.3 cutting, revision # 3 and contract documents. However, the QA found that the mill marks were transferred on the middle of the U-ribs plate in lieu of at both ends as per ZPMC fabrication procedures. In addition, the QA inspector observed that plates to be cut were set directly over the ground. The QA inspector brought to the attention of the ZPMC QA representative Xu Jun that the U-ribs plates were not marked in compliance with ZPMC fabrication procedures and plates were not stored according with Caltrans standard specification 55.1.04 shipping, handling and storing material. Mr. Xu agreed and had a meeting with the ZPMC QA/QC and production personnel requesting these items to be corrected.

ZPMC made corrections on this date. Three U-ribs were cut for each plate. The plates cut were the following:

Plate # WY070416Q153, 12x2500x15100 mm-A709M-345T2-X-S-Heat # 7200834N

Plate # WY070416Q154, 12x2500x15100 mm -A709M-345T2-X-S-Heat # 7200834N

Plate # WY070416Q155, 12x2500x15100 mm-A709M-345T2-X-S-Heat # 7200834N

Plate # WY070416Q152, 12x2500x15100 mm-A709M-345T2-X-S-Heat # 7200834N

Note: PQR-HP2007147-1 and PQR-HP2007149 were held on this date, results were as follows:

PQR-HP2007147-1 1-G position was completed on this date.

PQR-HP2007149, 3-G position. ZPMC started welding on this date and completed 7 passes.

**Summary of Conversations:**

As noted above.

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## SOURCE INSPECTION REPORT

( Continued Page 2 of 2 )

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### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Acuna,Alfredo	Quality Assurance Inspector
<b>Reviewed By:</b>	McClary,David	QA Reviewer

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